

C O N V A I R  
A Division of General Dynamics Corporation  
(San Diego)

DESIGN INFORMATION BULLETIN

RECEIVED

NO.: 20.010

CONVAIR REPORT NO. ZM-22-005

MAY 22 '57

PAGE: 1 of 2

MODEL 22 AIRPLANE

ENG'R.  
PRE-DESIGN

DATE: 1-23-57  
Rev. 2-26-57  
Rev. 5-10-57

DESIGN & EQUIPMENT PROCUREMENT RESPONSIBILITIES, ENGINE

POD AND PYLON

1. The complete engine installation, including the pod and pylon structure, will be subcontracted. The following general procedures are hereby established to define Convair's and the subcontractor's (Rohr Aircraft) responsibilities with regard to interrelated systems, such as fuel, hydraulics, electrical, etc., within the pod and pylon area.
2. In general, the subcontractor will accomplish the system detail design, purchased part specification writing and release, purchased part selection and procurement, of all systems and their equipment in the pod and pylon area.
  - a) The subcontractor shall accomplish the detail design in accordance with system control layouts, subsystem specifications, reports, and similar data furnished by Convair Design Groups as required to properly define and control the system.
  - b) It shall be the responsibility of the Propulsion Group to coordinate the transmission of information and drawings on the various systems between the subcontractor and the respective design groups. H. W. Callihan is assigned as Group Representative to coordinate design information for Convair. J. T. Rudis and K. V. Lawson are assigned as alternates.
  - c) Information or requests from groups other than the Propulsion Design Group shall be transmitted to Rohr only through or with the prior knowledge of the assigned Propulsion Design Group Representative.
  - d) Information or requests from Rohr shall be transmitted to Convair only through or with the prior knowledge of the assigned Propulsion Design Group Representative.
  - e) The final approval of detail design and installation drawings, equipment procurement specifications, and subsequent vendor selection shall be indicated by signatures of the Design Group Engineer of the Convair Design Group responsible and the Propulsion Design Group Engineer.
  - f) After final approval and vendor selection, Convair shall obtain customer approval on the vendor selected for purchased parts as required by our customer contracts.
3. Although it is preferred that all procurement specifications and specification control drawings be prepared by the subcontractor, certain specifications and drawings may be prepared for major items of equipment and equipment systems by the Convair Design Groups at their option.

C O N V A I R  
A Division of General Dynamics Corporation  
(San Diego)

DESIGN INFORMATION BULLETIN

NO.: 20.010

CONVAIR REPORT NO. ZM-22-005

PAGE: 2 of 2

MODEL 22 AIRPLANE

DATE: 1-23-57  
Rev. 2-26-57  
Rev. 5-10-57

DESIGN & EQUIPMENT PROCUREMENT RESPONSIBILITIES, ENGINE

POD AND PYLON

The specifications covering the pylon and pod components are expected to fall within the following categories:

- a) Convair Design Group prepares specification, controls selection of vendor, follows development and test, and Rohr procures.
- b) Rohr prepares specification, Convair coordinates with Rohr in selecting vendor, and Rohr procures.
- c) Convair Design Group prepares system procurement specification, selects vendor, and assigns applicable components to Rohr for production procurement.
- d) Rohr prepares system procurement specification, coordinates with Convair in vendor selection, and assigns applicable components to Convair for procurement.

It is expected that certain items for test and development under categories (a) and (c) will be procured by Convair Purchasing, but that production procurement will be accomplished by Rohr.

4. Arrangements shall be made through Rohr Purchasing for delivery of Rohr procured prototype or test units to Convair as required to develop and test equipment prior to production deliveries.

Prepared by: H. W. Callahan  
H. W. Callahan - Propulsion

G. Karel  
G. Karel - Propulsion Fluids

Approved by: J. B. Hurl  
J. B. Hurl - Propulsion

H. P. Williams  
H. P. Williams - Wing Group

S. P. Milis  
S. Milis - Electrical

K. H. Montijo  
K. Montijo - Rohr

R. H. Ridnour  
R. H. Ridnour - Controls

L. C. Garday  
L. C. Garday - Hydraulics

D. Krause  
D. Krause - Air Conditioning

A. J. Savard  
A. J. Savard - Project Engineer